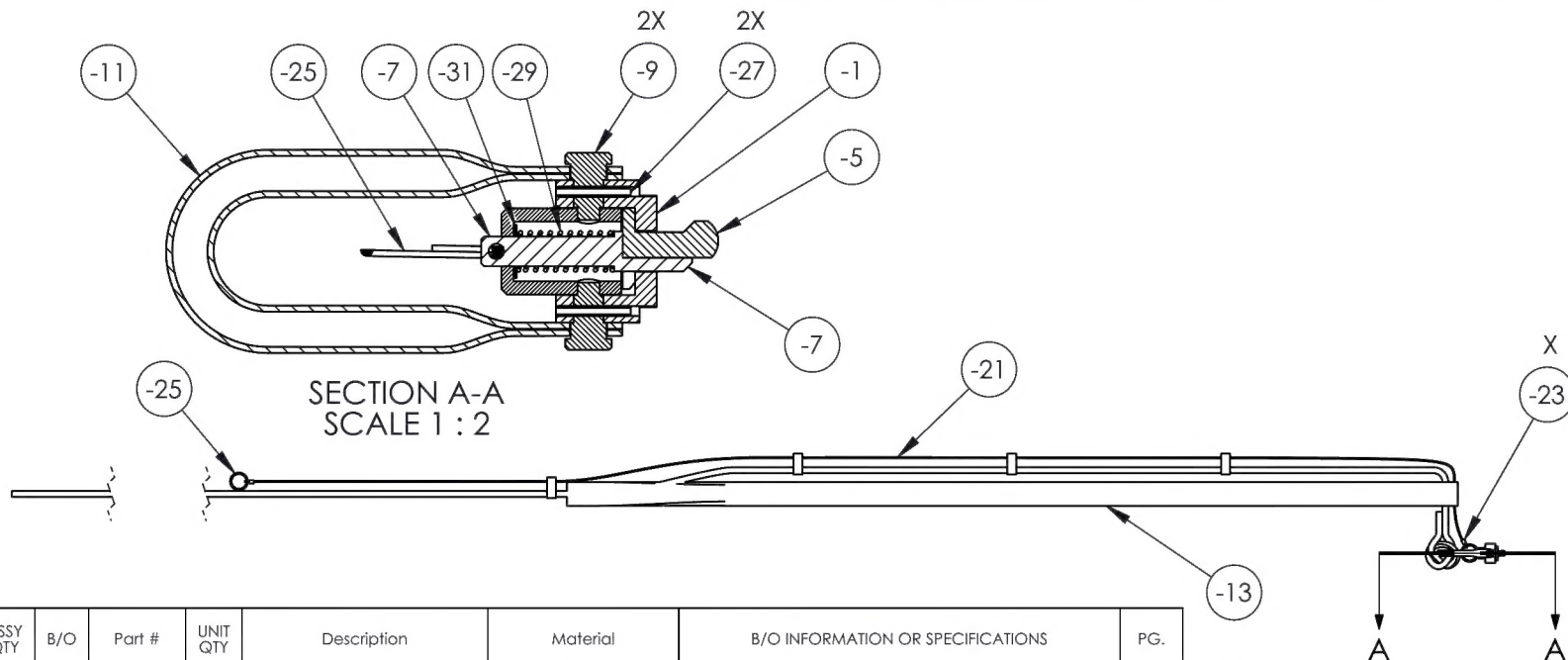


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REVISIONS			
REV	ECR	DESCRIPTION	DATE
2	16-0277	UPDATED TO NEW STANDARDS. CH'D T/N WAS RBEA92-1100 IS RBE703A92-1100-00. -00 REMOVED. -1 , -3 CH'D FINISH SPEC WAS MIL-A-8625, CLASS II, TYPE III, IS MIL-A-8625F, CLASS II, TYPE III. -1 ADDED DIM .628; CH'D DIM WAS Ø.102 (x2) IS 2X Ø.102 THRU ALL. WAS Ø.315 (x2) IS .315 THRU ALL. -3 MOVED TO NEW SHEET; CH'D DIM WAS .234 (x2), IS .234 THRU ALL. -5 , -7 , -9 CH'D MATERIAL WAS 4140, IS 4140/4142, MOVED TO NEW SHEET; ADDED FINISH SPEC. -5 ADDED DIM SR.25. -9 CH'D DIM WAS Ø.102 IS Ø.102 THRU ALL. -11 , -13 CH'D SHEET TOL WAS .005/.01/.1 IS .010/.03/.1. -11 CH'D DIM WAS Ø.500 IS Ø.50, WAS .065 IS .07, WAS .356 IS .36, WAS 1.125 IS 1.13, WAS R.563 IS R.56. -13 ; CH'D DIM WAS Ø.625 IS Ø.63; ADDED ASSM NUMBER & DESCRIPTION. -21 ADDED MATERIAL. -23 CH'D DESCRIPTION WAS OVAL COMPRESSION SLEEVE IS FERRULE. CH'D B/O INFO WAS Ø3/32 IS (CARR-LANE CL-3-F), ADDED MATERIAL. -25 ADDED B/O INFO (MCMASTER-CARR # 90177A223). -27 ADDED B/O INFO (MCMASTER-CARR # 91611A097).	1/16/2017
			SM
			JAG



ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X			5	MAIN ROTOR BLADE TIE DOWN			1
	1		-1		HOUSING	6061		2
	1		-3		CAP	6061		3
	1		-5		PIN	4140/4142		4
	1		-7		LOCK	4140/4142		5
	2		-9		KEEPER	4140/4142		6
	1		-11		HANDLE	SS 304 TUBING		7
X	1		-13		CORD ASSEMBLY			8
1		B/O	-15		SAFETY STRIP, ORANGE	COATED FABRIC	.03 X 2 X 88	8
1		B/O	-17		CORD	POLYESTER	Ø1/2 IN X 28 FT, DOUBLE BRAIDED ESTERION	8
4		B/O	-19		GUIDE, GREEN	WOVEN NYLON	.07 X 3/4 X 4	8
	1	B/O	-21		WIRE ROPE	STEEL	Ø.094 IN X 9 FT (CARR-LANE # CL-3-C)	1
	2	B/O	-23		FERRULE	TIN PLATED COPPER	(CARR-LANE # CL-3-F)	1
	2	B/O	-25		KEY RING	STEEL	Ø1.25 ID (MCMASTER-CARR # 90177A223)	1
	2	B/O	-27		ROLL PIN	STEEL	2.5mm X 20mm (MCMASTER-CARR # 91611A097)	1
	1	B/O	-29		SPRING	STEEL	MCMASTER-CARR # 94125K839	1
	1	B/O	-31		WASHER	STEEL	AN960-516L	1
	ASSY -13							

NOTE:
1. 5 TIE DOWNS PER SET.
2. ORIGINAL NO. 703A92110-002.
3. PREVIOUS T/N RBEA92-1100-00.



TITLE
MAIN ROTOR BLADE TIE DOWN

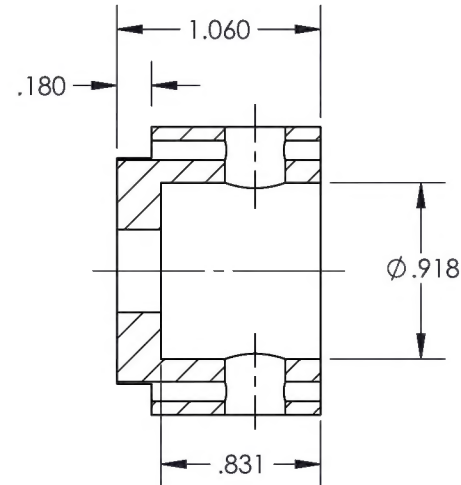
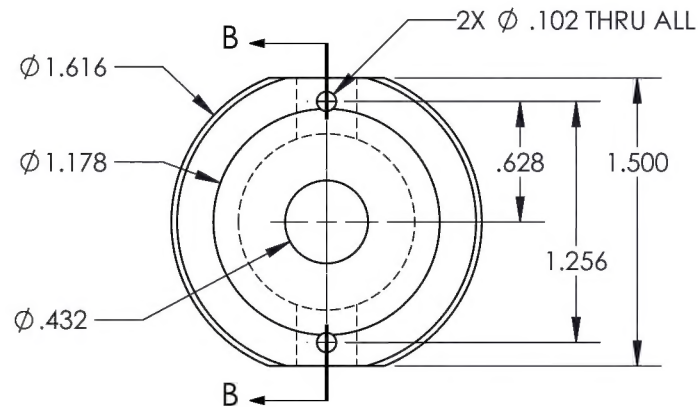
DWG NO. RBE703A92-1100-00

REV 2

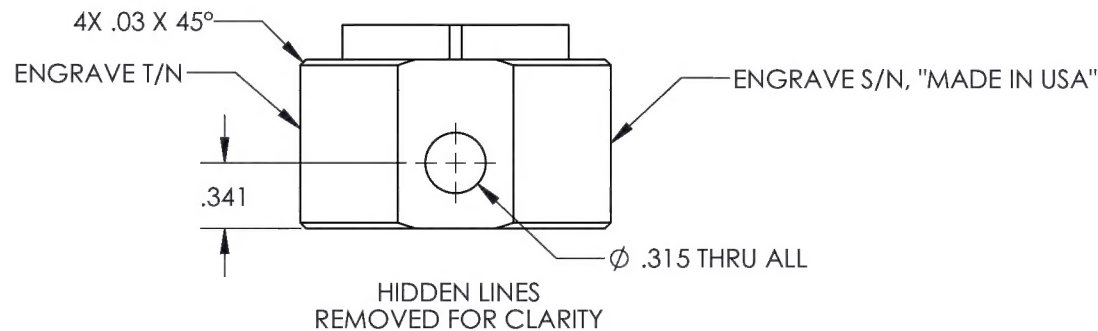
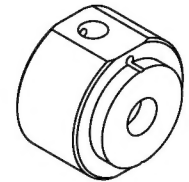
MAT'L		UNLESS OTHERWISE SPECIFIED	
HEAT TREAT		DIMENSIONS ARE IN INCHES	
FINISH		.XXX ± .005 FRACTIONS ± 1/8	
SPEC		.XX ± .01 ANGLES ± 5°	
		.X ± .1 SURFACES = 125	
DRAWN BY:	PERRITT	1. BREAK ALL SHARP EDGES	
CHECKED:	CLOUGH	.015 x 45° OR .015R	
OPPS APPR:	ANDERSON	2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
QA APPR:	LINDSAY	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
APPROVED:	GILBERT	USED ON MODEL	
		EUROCOPTER 225	
SCALE	1:16	DATE	7/16/2009
		SHEET	1 OF 8

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0277	-1 ADDED DIM .628; CH'D DIM WAS Ø.102 (x2) IS 2X Ø.102 THRU ALL, WAS Ø.315 (x2) IS .315 THRU ALL; CH'D FINISH SPEC WAS MIL-A-8625, CLASS II, TYPE III, IS MIL-A-8625F, CLASS II, TYPE III.	1/16/2017	SM	JAG



SECTION B-B



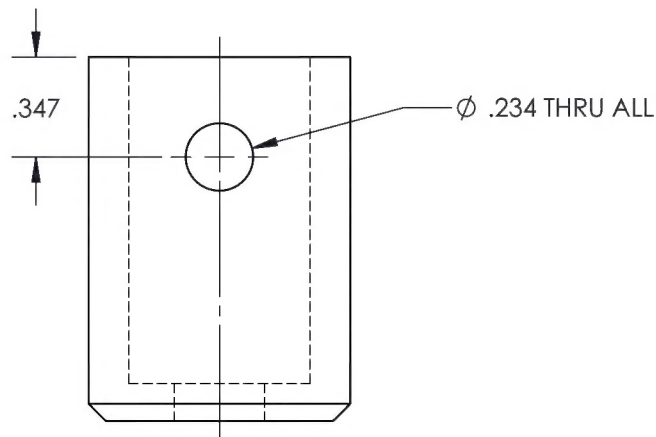
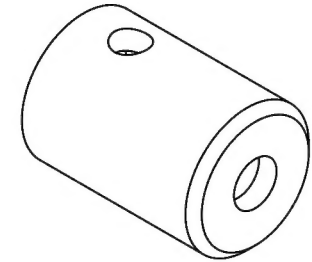
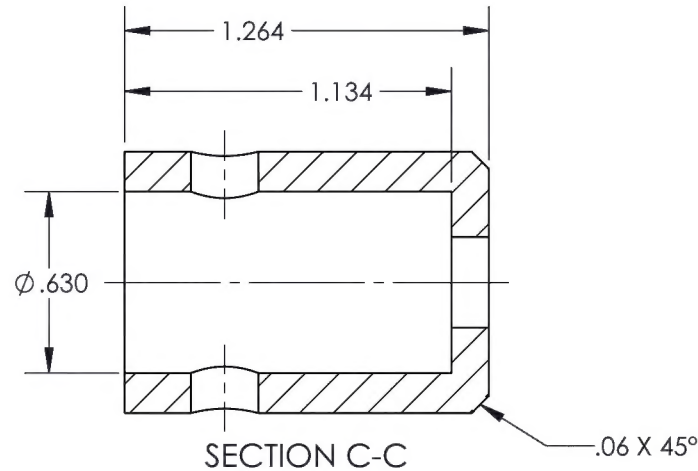
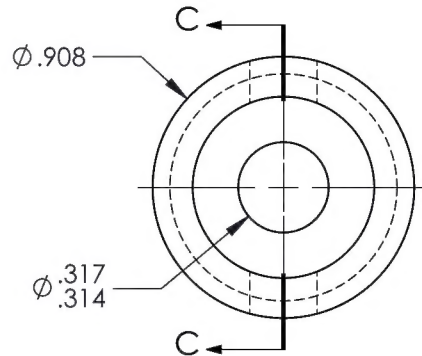
(-1)

HOUSING

DART AEROSPACE	
TITLE MAIN ROTOR BLADE TIE DOWN	
DWG NO. RBE703A92-1100-00-1	REV 2
MAT'L 6061	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH RED ANODIZE	.XX ± .01 ANGLES ±.5°
SPEC MIL-A-8625F, TYPE II, CLASS III	.X ± .1 SURFACES = 125
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	EUROCOPTER 225
SCALE 1:1	DATE 7/16/2009
SHEET 2 OF 8	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0277	-3 MOVED TO NEW SHEET: CH'D FINISH SPEC WAS MIL-A-8625, CLASS II, TYPE III, IS MIL-A-8625F, TYPE II, CLASS II; CH'D DIM WAS .234 (x2), IS .234 THRU ALL.	1/16/2017	SM	JAG

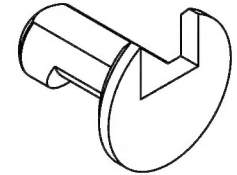
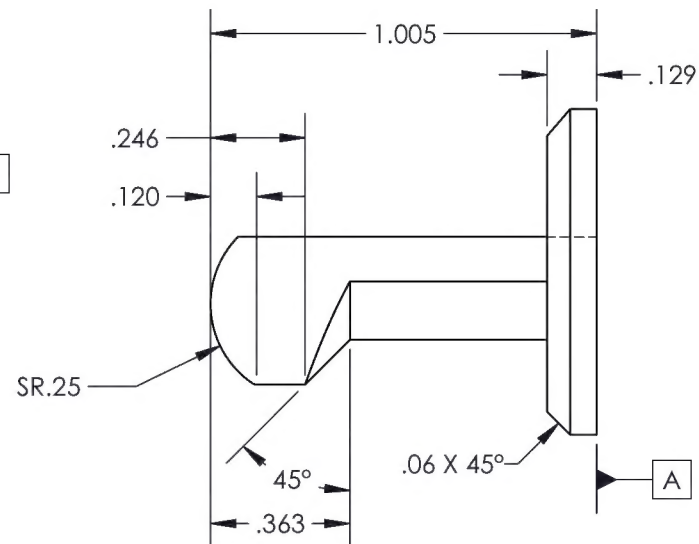
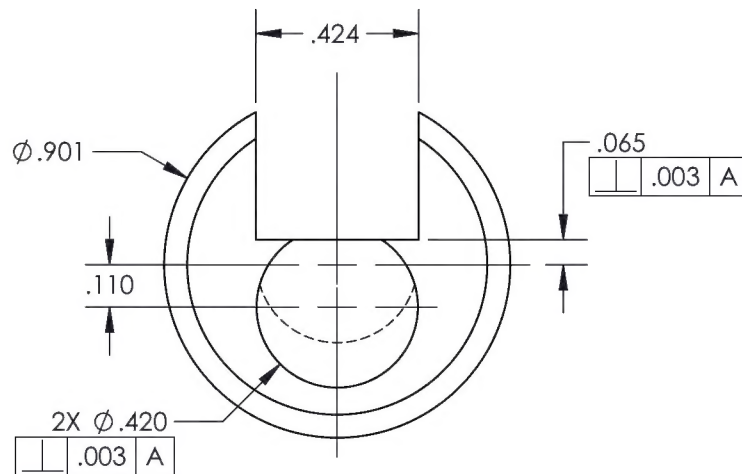


(-3)
CAP

DART AEROSPACE	
TITLE MAIN ROTOR BLADE TIE DOWN	
DWG NO. RBE703A92-1100-00-3	REV 2
MAT'L 6061	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH RED ANODIZE	.XXX ± .005 FRACTIONS ± 1/8
SPEC MIL-A-8625F, TYPE II, CLASS II	.XX ± .01 ANGLES ± 5°
	.X ± .1 SURFACES = 125°
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
SCALE 3:2	DATE 7/16/2009
	SHEET 3 OF 8

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0277	-5 MOVED TO NEW SHEET; ADDED FINISH SPEC; ADDED DIM SR.25; CH'D MATERIAL WAS 4140, IS 4140/4142.	1/16/2017	SM	JAG



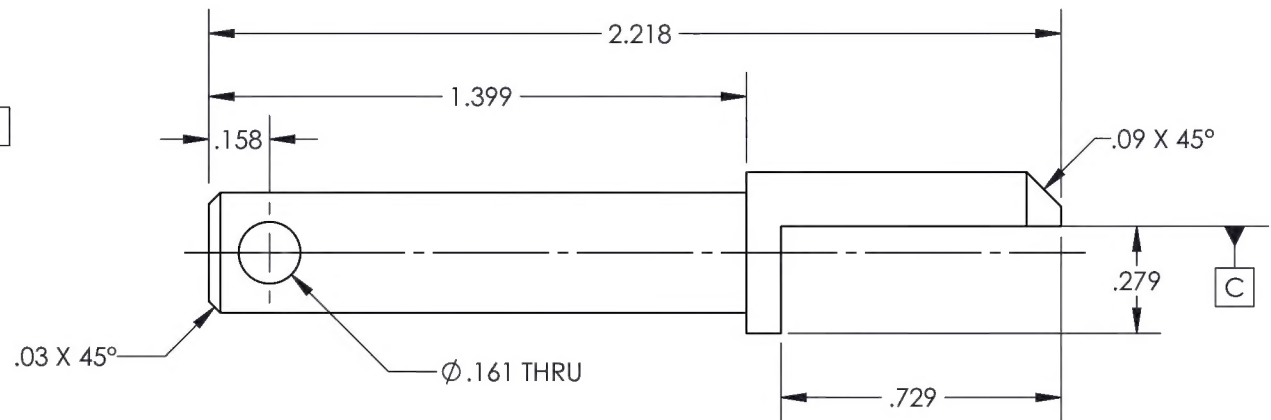
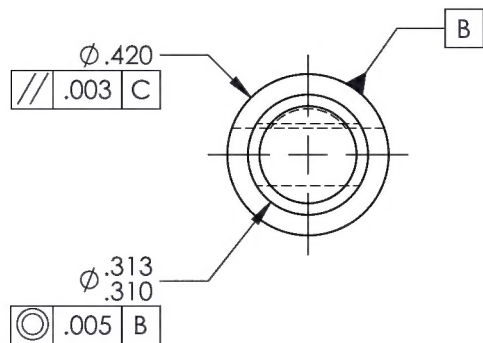
(-5)

PIN

DART AEROSPACE	
TITLE MAIN ROTOR BLADE TIE DOWN	
DWG NO. RBE703A92-1100-00-5	REV 2
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT RC 38-42	DIMENSIONS ARE IN INCHES
FINISH BLACK OXIDE	.XXX ± .005 FRACTIONS ± 1/8
SPEC QMSI-6.2.2, B.O. REV D	.XX ± .01 ANGLES ± .5°
DRAWN BY: PERRITT	.X ± .1 SURFACES = 125°
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 2:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 7/16/2009	USED ON MODEL
SHEET 4 OF 8	EUROCOPTER 225

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0277	-7 MOVED TO NEW SHEET, ADDED FINISH SPEC; CH'D MATERIAL WAS 4140 IS 4140/4142.	1/16/2017	SM	JAG

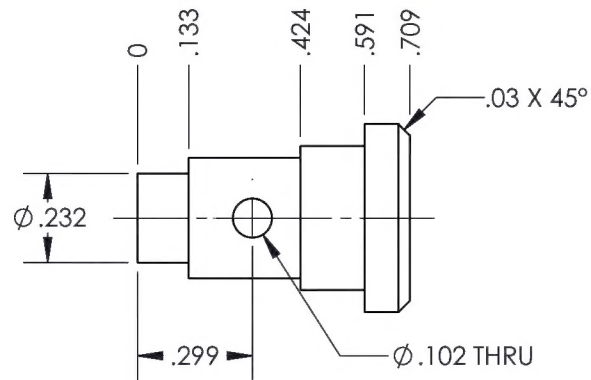
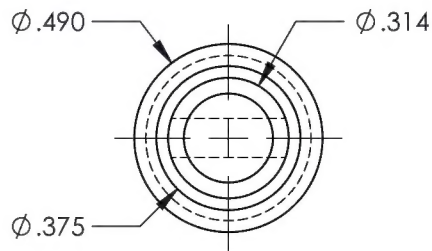
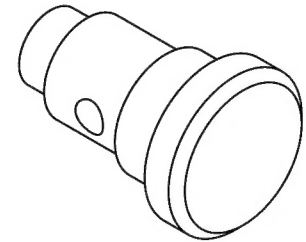


(-7)
LOCK

DART AEROSPACE	
TITLE MAIN ROTOR BLADE TIE DOWN	
DWG NO. RBE703A92-1100-00-7	REV 2
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT RC 38-42	DIMENSIONS ARE IN INCHES
FINISH BLACK OXIDE	.XXX \pm .005 FRACTIONS \pm 1/8
SPEC QMSI-6.2.2, B.O. REV D	.XX \pm .01 ANGLES \pm 5°
DRAWN BY: PERRITT	.X \pm .1 SURFACES = 125°
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 2:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 7/16/2009	USED ON MODEL
SHEET 5 OF 8	EUROCOPTER 225

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0277	-9 MOVED TO NEW SHEET; CH'D DIM WAS Ø.102 IS Ø.102 THRU ALL; ADDED FINISH SPEC; CH'D MATERIAL WAS 4140 IS 4140/4142.	1/16/2017	SM	JAG



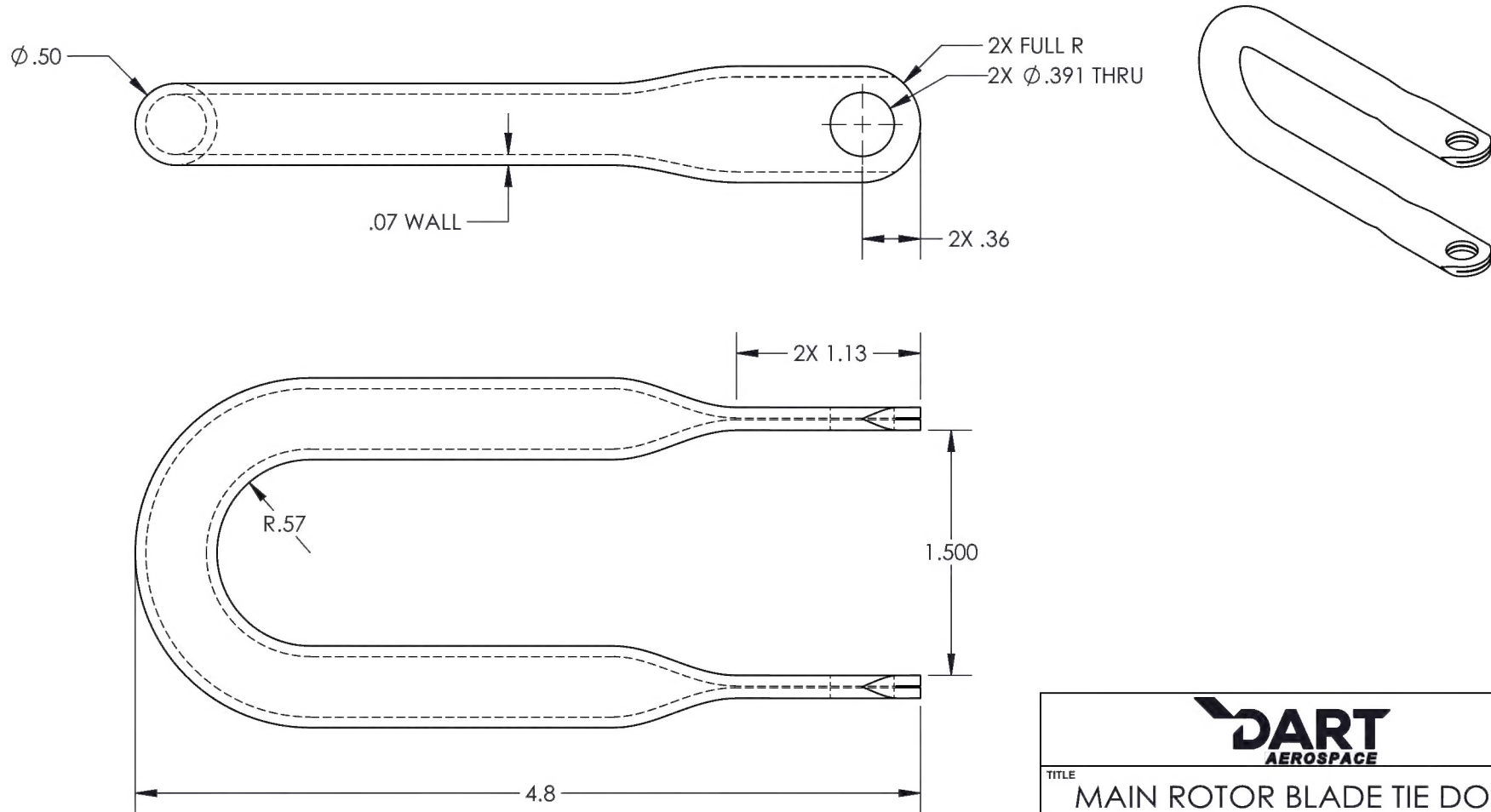
(-9)

KEEPER

DART AEROSPACE	
TITLE MAIN ROTOR BLADE TIE DOWN	
DWG NO. RBE703A92-1100-00-9	REV 2
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT RC 38-42	DIMENSIONS ARE IN INCHES
TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH BLACK OXIDE	.XX ± .01 ANGLES ± 5°
SPEC QMSI-6.2.2, B.O. REV D	.X ± .1 SURFACES = 125° ✓
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
SCALE 2:1	DATE 7/16/2009
	SHEET 6 OF 8

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0277	-11 CH'D DIM WAS Ø.500 IS Ø.50, WAS .065 IS .07, WAS .356 IS .36, WAS 1.125 IS 1.13, WAS R.563 IS R.56; CH'D SHEET TOL WAS .005/.01/.1 IS .010/.03/.1.	1/16/2017	SM	JAG



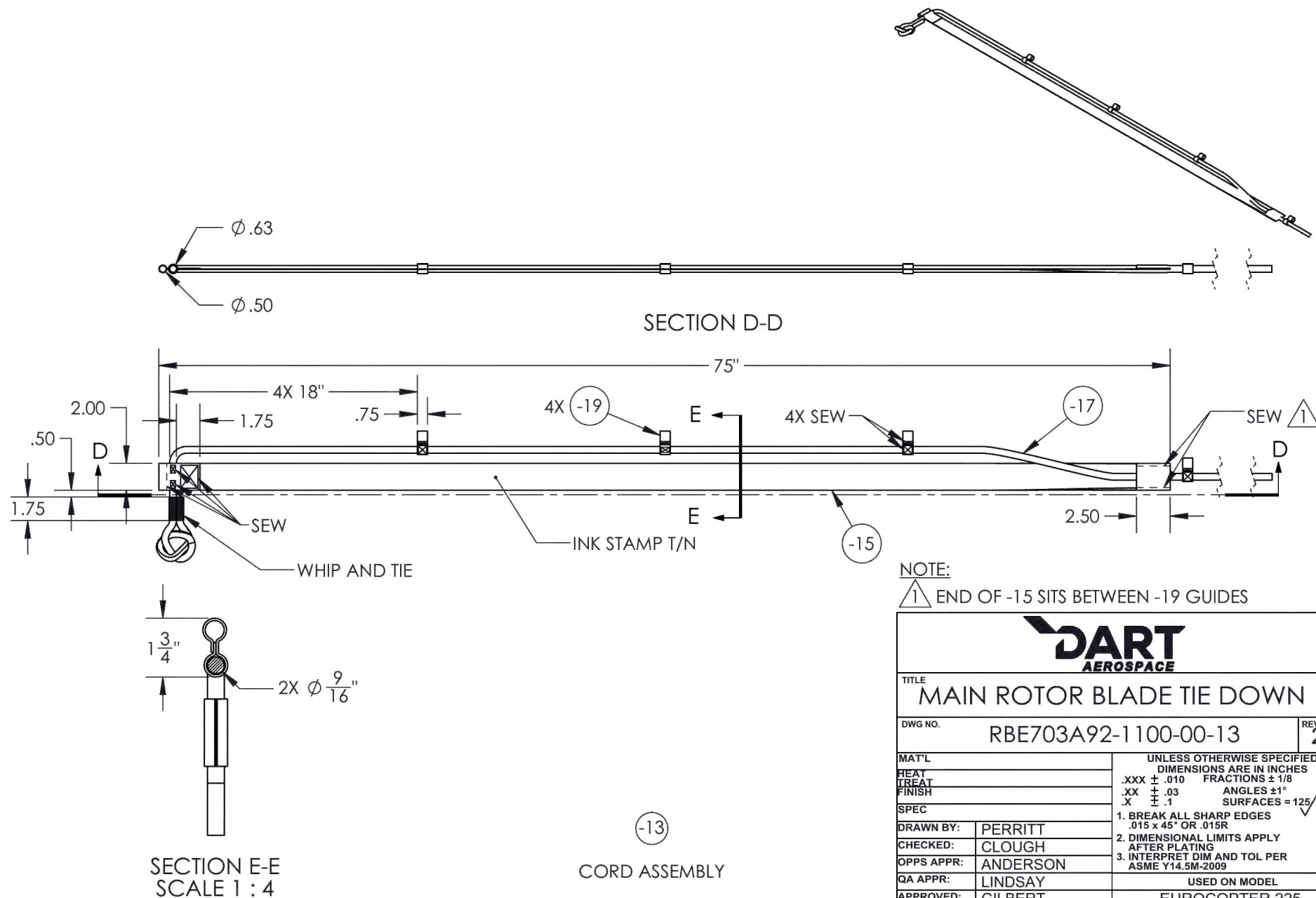
(-11)

HANDLE

DART AEROSPACE	
TITLE MAIN ROTOR BLADE TIE DOWN	
DWG NO. RBE703A92-1100-00-11	REV 2
MAT'L SS 304 TUBING	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TREAT	.XXX ± .010 FRACTIONS ± 1/8
FINISH	.XX ± .03 ANGLES ± 1°
SPEC	.X ± .1 SURFACES = 125° ✓
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	EUROCOPTER 225
SCALE 1:1	DATE 7/16/2009
SHEET 7 OF 8	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0277	-13 CH'D SHEET TOL WAS .005/.01/.1 IS .010/.03/.1; CH'D DIM WAS Ø.625 IS Ø.63; ADDED ASSM NUMBER & DESCRIPTION.	1/16/2017	SM	JAG



NOTE:

1 END OF -15 SITS BETWEEN -19 GUIDES

DART AEROSPACE		
TITLE MAIN ROTOR BLADE TIE DOWN		
DWG NO. RBE703A92-1100-00-13	REV 2	
MAT'L	UNLESS OTHERWISE SPECIFIED	
HEAT	DIMENSIONS ARE IN INCHES	
TREAT	.XXX ± .010 FRACTIONS ± 1/8	
FINISH	.XX ± .03 ANGLES ± 1°	
SPEC	.X ± .1 SURFACES = 125°	
DRAWN BY:	PERRITT	1. BREAK ALL SHARP EDGES
CHECKED:	CLOUGH	.015 x 45° OR .015R
OPPS APPR:	ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR:	LINDSAY	AFTER PLATING
APPROVED:	GILBERT	3. INTERPRET DIM AND TOL PER
SCALE	1:10	ASME Y14.5M-2009
DATE	7/16/2009	USED ON MODEL
		EUROCOPTER 225
		SHEET 8 OF 8